TOM RENARD
renard.tom35@gmail.com • tomrenard.site • github.com/tomrenard | Berlin, Germany

Senior Product Engineer (Frontend)

PROFESSIONAL SUMMARY

Senior Frontend Engineer with **6+ years of experience** building scalable, high-performance web applications. Expert in **React**, **TypeScript**, and **Next.js**, with a proven track record of driving **user growth** and **feature adoption**. Combines deep technical expertise in **performance optimization (Core Web Vitals)** with a strong **product mindset**. Experienced in **AI-assisted workflows**, **accessibility compliance (WCAG 2.2)**, and large-scale **architectural migrations**.

TECHNICAL SKILLS

- **Languages:** TypeScript, JavaScript (ES6+), Node.js, SQL, HTML5, CSS3.
- **Frameworks & Libraries:** React 19, Next.js (App Router, SSR, RSC), Tailwind CSS, Radix UI, Shadcn/ui.
- **State & Data:** TanStack Query, Zustand, SWR, GraphQL (Apollo), REST APIs.
- **Testing & Infrastructure:** Playwright, Vitest, Jest, GitHub Actions, Docker, AWS (Lambda/S3), Vercel.
- **Tools & Methodologies:** Git, Nx Monorepo, Figma, Storybook, Agile/Scrum, WCAG 2.2 Compliance, AI Coding Assistants (Copilot, Cursor).

PROFESSIONAL EXPERIENCE

Doodle | Senior Frontend Engineer | Berlin, DE | *Apr 2023 – Present*

- **Led Next.js Migration:** Architected the migration of three production applications to **Next.js App Router**, improving site reliability and developer velocity.
- **Boosted Mobile Performance:** Overhauled critical mobile views, increasing **Google Lighthouse** performance scores by **97%** and significantly reducing bounce rates.
- **Increased Feature Adoption:** Launched the "Sign-up Sheets" product, implementing complex scheduling workflows that drove a **25% increase** in active product usage.
- **Optimized User Flow:** Refined the core "Participation Flow," directly increasing poll completion rates by **5%** across millions of monthly users.
- **Modernized Testing Stack:** Migrated test infrastructure to **Vitest** and **Playwright**, reducing CI/CD pipeline duration by **40%**.
- **Accessibility Leadership:** Audited and remediated UI components to meet **WCAG 2.1 AA** standards ahead of European Accessibility Act (EAA) compliance deadlines.

Aklamio | Frontend Engineer | Berlin, DE | *Jun 2021 – Mar 2023*

- **Enterprise SaaS Scale:** Built and maintained scalable **React** and **TypeScript** applications for a referral platform serving **100k+ monthly users**.
- **Internal Tooling:** Extended core internal **JavaScript libraries** with high test coverage and cross-browser compatibility, standardizing engineering patterns across teams.
- **DevOps & Automation:** Strengthened **CI/CD workflows** and automated testing pipelines, increasing feature delivery speed and reducing production regressions.
- **API & Reliability:** Re-architected complex **API integrations**, significantly improving data reliability and cross-service communication stability.
- **Design Collaboration:** Partnered with Product and Design to translate technical requirements into high-performance features, contributing to a shared **Component Library** for consistent UI patterns.

Freelance | Full Stack / Frontend Engineer | Berlin, DE | *Sep 2020 – Sep 2021*

- Delivered production-ready **Next.js** applications with optimized SEO and caching strategies for clients in E-commerce.
- Implemented **CMS integrations** and performant UI architectures, resulting in 90+ PageSpeed scores.

EDUCATION

Full-Stack Web Development — Le Wagon, Berlin (2020)

Master in Management — EM Normandie (2018)